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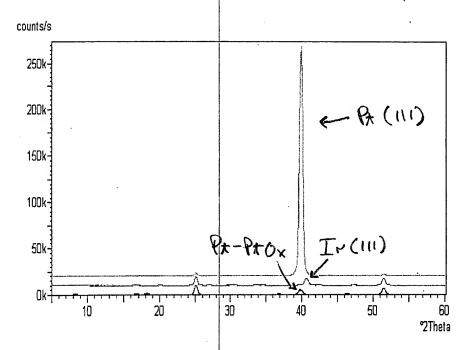


Fig. 1A

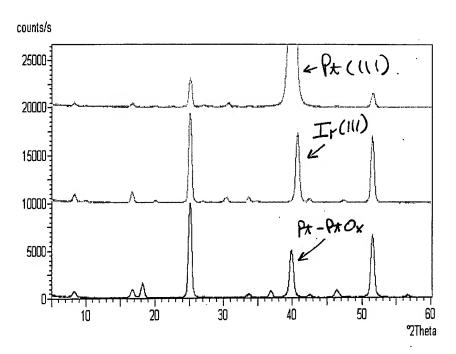


Fig. 1B

200

	CARLOTTON CONTRACTOR OF THE PROPERTY OF THE PR	
•	Pho 2004	
BE 5	2nd laxer 210	
202	15+ layer 20P	

Fig. 2

		TE 306	
	PGO	304	and the second
•	05	310	2nd layer
.•	BE	308	1st layer

Fig. 3

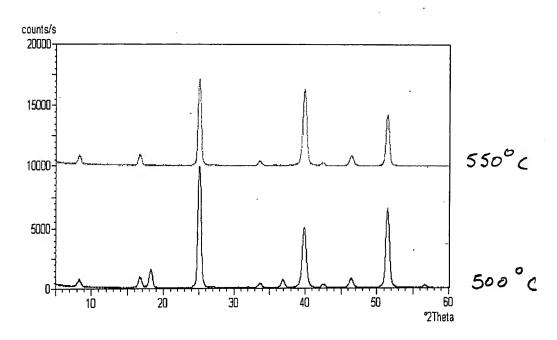


Fig. 4

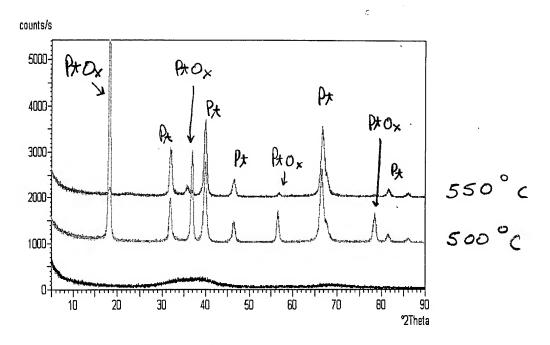


Fig. 5

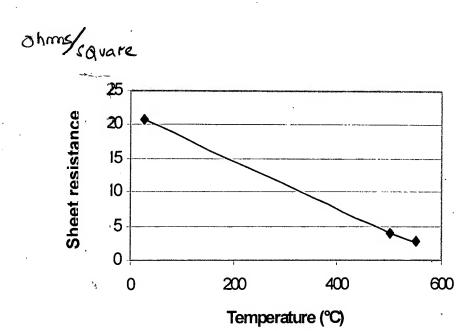


Fig. 6

START 702 polycrystalline bottom electrode 7020 Forming moblement 1st layer 1st layer romexture 7020 57022 torming mobile forming mable metal oxide metal oxide 5702 € reactive sputtering noble meta .702f Oz atmosphere annealing 11 thin trlm P6-0 Caxis torming electrode 5706 top forming

FIG. 7

Forming bottom electrole Px-Pxoxmixture

Forming Pt (ayor &802a

Forming Pt3 O4 1202b

Forming Caxis PGO thin Film

Forming top electrole \$806

Fig. 8